

A Brief Overview of Public Water Supply Permitting

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Overview

- Regulatory Overview
- Application Requirements
- Permit Application Submittal

Regulatory Overview

Under Chapter 373.223, Florida Statute: To obtain a permit, the water use....

1. Must be “reasonable – beneficial”
2. Must not interfere with existing legal users
3. Must be consistent with public interest

Rules of the
South Florida Water Management District

Consumptive Use
CHAPTER 40E-2, F.A.C.



Effective: September 7, 2015

Application Requirements

- Service Area Boundary
- Source Identification
- Wellfield Operations Plan



Calculating Water Use Demands

- Per Capita Use Rate (PCUR)
- Unique to each Utility
- Dependent on use within Service Area

Calculating the Per Capita Use Rate

Year	Population	Water Use (million gallons per day)	PCUR
2014	5,177	0.57	110
2015	5,601	0.64	114
2016	5,712	0.70	122
2017	5,969	0.70	118
2018	6,294	0.76	121
		Average PCUR	117
*PCUR per capita use rate			

Calculating the Peaking Ratio

Year	Population	Average Monthly Water Use (million gallons)	Maximum Month Water Use (million gallons)	Peaking Ratio
2016	5,712	0.70	0.78	1.11
2017	5,969	0.70	0.81	1.16
2018	6,294	0.76	0.86	1.13
			Average Peaking Ratio	1.13

Calculating the Future Allocation

Year	Population	PCUR	Annual Allocation (million gallons)
2019	6,628	117	283.05
2020	6,927	117	295.82
2021	7,296	117	311.58
2022	7,585	117	323.92
2023	7,889	117	336.90
...
2039	12,989	117	554.70
	Permit	Annual Allocation	554.70
	Permit	Maximum Month Allocation	52.23

Example Permit

5. Allocation:

Total annual allocation is 2,103.90 million gallons (MG). (5.76 MGD)

Total maximum monthly allocation is 191.82 million gallons (MG).

Allocation from a specific source (aquifer, waterbody, facility, or facility group):

Maximum annual allocation from Biscayne Aquifer shall not exceed 1,890.00 million gallons (MG).

Maximum annual allocation from Upper Floridan Aquifer shall not exceed 525.60 million gallons (MG).

Maximum monthly allocation from Biscayne Aquifer shall not exceed 185.72 million gallons (MG).

Maximum monthly allocation from Upper Floridan Aquifer shall not exceed 48.00 million gallons (MG).

Other Application Requirements

- Impact Assessment
- Water Conservation Plan
 - Standard Plan
 - 5 Key Elements Required
 - Goal-Based Conservation Plan
 - Utility Specific Conservation Goals

Permit Application Submittal

- Epermitting:
 - <https://www.sfwmd.gov/doing-business-with-us/permits/water-use-permits>
- Preapplication Meeting:
 - To schedule a meeting, please contact us by email at wupreapp@sfwmd.gov or call (561) 682-2795.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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News and Notes

To apply for a Special Use License for certain recreational activities on SFWMD public lands, please go to www.sfwmd.gov/sul.

Pre-application meetings save time! To schedule, please contact us at:
ERP: erpreapp@sfwmd.gov or 1-800-432-2045, extension 2310
WU: wupreapp@sfwmd.gov or 1-800-432-2045, extension 2795

The U.S. Army Corps of Engineers will no longer be participating in the Joint Application process after October 1, 2017.

Dewatering Applications - If the project is discharging water offsite, an offsite discharge authorization letter from the appropriate entity/property owner must be submitted and attached with the application.

ERP General Permit for Small Projects effective July 1, 2012 - Visit the "electronic self-certification" portal at www.fideportal.com/go.